

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

1. (currently amended) A recording system, comprising:

a generation device generating process information for indicating a content of a process in a specific system; and

a recording device for recording the process information of the specific system generated by the generating device, the process information of the specific system recorded in a shared storage medium that is shared by a plurality of systems including the specific system and is commonly searched by the plurality of systems and that collectively stores a plurality of pieces of process information of the plurality of systems, in a format such that a process information of the entire system comprising the plurality of systems is collectively managed by the shared storage medium and a process history of the plurality of systems can be tracked without requiring access to the specific system, each system of a plurality of systems comprising a processor, a memory, and an external storage.

2. (currently amended) A recording system, comprising:

a generation device generating process information for indicating a content of a process in a specific system; and

a recording device for recording the process information of the specific system generated by the generating device, the process information of the specific system recorded in a shared storage medium that is shared by a plurality of systems including the specific system and is commonly accessed by the plurality of systems and that collectively stores a plurality of pieces of process information of the plurality of systems, in a format such that a process history of the plurality of systems can be tracked, each system of a plurality of systems comprising a processor, a memory, and an external storage, and

wherein when the shared storage medium stores output identification information related to an output content of a preceding process before a current process in the specific system, said generation device generates service identification information of the current process, obtains

the output identification information of the preceding process from the shared storage medium, generates input identification information related to an input content of the current process, generates output identification information related to an output content of the current process by concatenating the input identification information and the service identification information into the output identification information and generates the process information of the specific system by relating the service identification information, the input identification information, the output identification information and a content of the current process to each other.

3. (previously presented) The recording system according to claim 2, wherein when the input content of the current process includes a plurality of pieces of input data, said generation device generates input identification information related to each piece of input data, generates input group identification information for grouping a plurality of pieces of input identification information corresponding to the plurality of pieces of input data and attaches relationship between the plurality of pieces of input identification information and the input group identification information to the process information of the specific system.

4. (withdrawn) A retrieval system, comprising:

a retrieval device performing a process for retrieving data from a shared storage medium that is shared by a plurality of systems and is commonly accessed by the plurality of systems and that collectively stores process information for indicating a content of each process of the plurality of systems in a format such that a process information of the entire system comprising the plurality of systems is collectively managed by the shared storage medium and a process history of the plurality of systems can be tracked without requiring access to the specific system; and

a generation device generating the process history from the information obtained from the shared storage medium by retrieval.

5. (withdrawn) A retrieval system, comprising:

a retrieval device performing a process for retrieving data from a shared storage medium that is shared by a plurality of systems and is commonly accessed by the plurality of systems and that collectively stores process information for indicating a content of each process of the plurality of systems in a format such that a process history of the plurality of systems can be tracked; and

a generation device generating the process history from the information obtained from the shared storage medium by retrieval, and

wherein when the shared storage medium stores service identification information, input identification information that is related to an input content and that is generated from output identification information related to an output content of a preceding process, output identification information that is related to an output content and that obtained by concatenating the input identification information and the service identification information into the output identification information, and a content of a process as the process information for each process of the plurality of systems, said retrieval device obtains a plurality of pieces of service identification information, input identification information and output identification information of a plurality of processes that are stored in the shared storage medium, and said generation device generates the process information based on relationship among the plurality of pieces of the obtained identification information.

6. (withdrawn) The retrieval system according to claim 5,

wherein said generation device generates the process information by obtaining both an output identification information of a preceding process before a specific process and service name information of the specific process from both input identification information and service identification information included in output identification information of the specific process and by repeating a same process for the output identification information of the preceding process.

7. (withdrawn) A retrieval system, comprising:

a retrieval device performing a process for retrieving data from a shared storage medium that is shared by a plurality of systems and is commonly accessed by the plurality of systems and that collectively stores process information for indicating a content of each process of the plurality of systems in a format such that a process information of the entire system comprising the plurality of systems is collectively managed by the shared storage medium and a process history of the plurality of systems can be tracked without requiring access to the specific system; and

a process device processing information using the information obtained from the shared storage medium by retrieval.

8. (currently amended) A computer-readable storage medium on which is recorded a program for enabling a computer to execute operations, said operations comprising:

generating process information for indicating a content of a process in a specific system;
and

recording the process information of the specific system in a shared storage medium that is shared by a plurality of systems including the specific system and is commonly searched by the plurality of systems and that collectively stores a plurality of pieces of process information of the plurality of systems, in a format such that a process information of the entire system comprising the plurality of systems is collectively managed by the shared storage medium and a process history of the plurality of systems can be tracked without requiring access to the specific system, each system of a plurality of systems comprising a processor, a memory, and an external storage.

9. (currently amended) A recording system, comprising:

generation means for generating process information for indicating a content of a process in a specific system; and

recording means for recording the process information of the specific system generated by the generating device, the process information of the specific system recorded in a shared storage medium that is shared by a plurality of systems including the specific system and is commonly searched by the plurality of systems and that collectively stores a plurality of pieces of process information of the plurality of systems, in a format where a process information of the entire system comprising the plurality of systems is collectively managed by the shared storage medium and a process history of the plurality of systems can be tracked without requiring access to the specific system, each system of a plurality of systems comprising a processor, a memory, and an external storage.

10. (withdrawn) A retrieval system, comprising:

retrieval means for retrieving data from a shared storage medium that is shared by a plurality of systems and is commonly accessed by the plurality of systems and that collectively stores process information for indicating a content of each process of the plurality of systems in a format such that a process information of the entire system comprising the plurality of systems is collectively managed by the shared storage medium and a process history of the plurality of systems can be tracked without requiring access to the specific system; and

generation means for generating the process history from the information obtained from the shared storage medium by retrieval.

11. (withdrawn) A retrieval system, comprising:

retrieval means for retrieving data from a shared storage medium that is shared by a plurality of systems and is commonly accessed by the plurality of systems and that collectively stores process information for indicating a content of each process of the plurality of systems in a format such that a process information of the entire system comprising the plurality of systems is collectively managed by the shared storage medium and a process history of the plurality of systems can be tracked without requiring access to the specific system; and

process means for processing information using the information obtained from the shared storage medium by retrieval.

12. (currently amended) A propagating signal for propagating to a computer a program for enabling the computer to execute operations, said operations comprising:

generating process information for indicating a content of a process in a specific system; and

recording the process information of the specific system in a shared storage medium that is shared by a plurality of systems including the specific system and is commonly searched by the plurality of systems and that collectively stores a plurality of pieces of process information of the plurality of systems, in a format such that a process information of the entire system comprising the plurality of systems is collectively managed by the shared storage medium and a process history of the plurality of systems can be tracked without requiring access to the specific system, each system of a plurality of systems comprising a processor, a memory, and an external storage.

13. (currently amended) A recording method, comprising:

generating process information for indicating a content of a process in a specific system; and

recording the process information of the specific system in a shared storage medium that is shared by a plurality of systems including the specific system and is commonly searched by the plurality of systems and that collectively stores a plurality of pieces of process information of the plurality of systems, in a format such that a process information of the entire system comprising the plurality of systems is collectively managed by the shared storage medium and a process history of the plurality of systems can be tracked without requiring access to the specific system, each system of a plurality of systems comprising a processor, a memory, and an external storage.

14. (withdrawn) An electronic data interchange system, comprising:

first and second systems exchanging business transactions where each business transaction has a transaction process history; and a shared storage system collectively storing the transaction process history of each business transaction, allowing access to the transaction process history of each business transaction by said first and second systems with the transaction process history of the first and second systems being collectively managed by the shared storage system, and

wherein the business transactions can be tracked using the transaction process history of each business transaction stored in said shared storage system without requiring access to the first and second systems.

15. (withdrawn) A business transaction tracking system, comprising:

first and second systems performing and exchanging business transactions where each business transaction produces a transaction history; and

a shared storage system storing the transaction history of each business transaction and allowing access to the transaction history by said first and second systems with the transaction history of the first and second systems being collectively managed by the shared storage system, and

wherein the business transactions can be tracked using the transaction history of each business transaction stored in said shared storage system without requiring access to the first and second systems.